THERMAL CARE

Superior equipment, Exceptional service

VHF Sales, Inc.

WHY CHOOSE THERMAL CARE CHILLERS?

Engineered for Efficiency, Built for Reliability, Trusted for Performance.

50 to 500 Ton MX Series Rotary Screw Compressor Chiller

What Sets Thermal Care Apart:

Advanced Efficiency Tech

Hybrid film evaporators, Dynamic Lift controls, and mag-bearing, oil-free compressors maximize performance at full and part-load conditions.

Remote Monitoring

Secure, integrated access with CONNEX4.0 lets you manage systems from anywhere, streamlining diagnostics and control.

Application Flexibility

Scalable for industrial, food processing, manufacturing and HVAC applications.

Durable Components

Stainless steel evaporators and nonferrous water circuits resist corrosion and extend equipment life.

Thermal Care at a Glance:

Headquartered in Niles, Illinois, Thermal Care has over five decades of expertise engineering advanced cooling and heat transfer equipment for industrial applications. All manufacturing meets rigorous standards, with UL-certified control panels and precision-engineered components assembled in the United States. The company's commitment to innovation, service, and environmental responsibility is reflected in its use of low Global Warming Potential refrigerants and long-lasting stainless steel construction.

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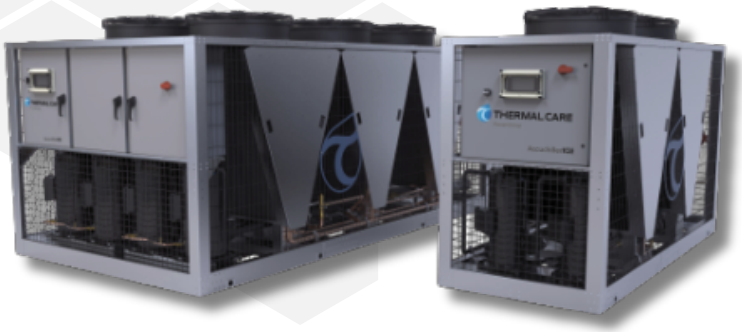
Portable & Packaged Chillers

Thermal Care's Accuchiller portable chillers provide versatile cooling solutions for industrial settings. Models like the EQ, NQ, and HFCG series use variable-speed scroll compressors to deliver efficient performance across various load conditions. Designed for dependability, these chillers feature stainless steel components, advanced touchscreen PLC controls, and integration with CONNEX4.0 for remote monitoring. The EQ series supports smaller needs between 1 and 3 tons, while the NQ and NQV series scale up to 40 and 30 tons respectively.

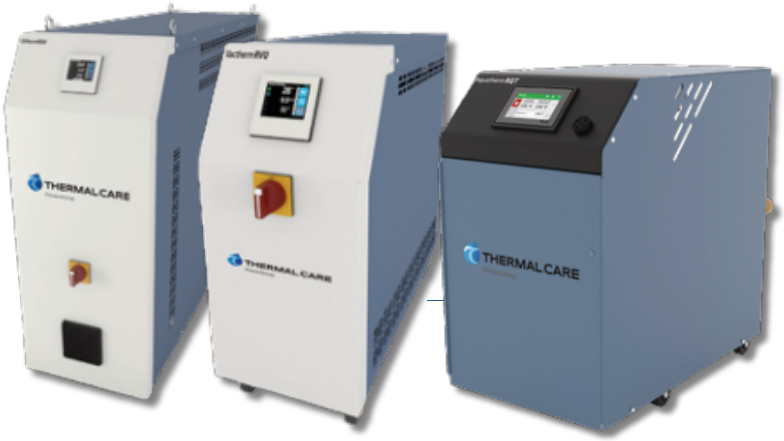


Outdoor Chillers

Built to handle extreme environmental conditions—from -20°F to 125°F—Thermal Care's outdoor chillers, including the KSE series, have direct-drive scroll compressors for low-maintenance, high-efficiency performance. These chillers use dual refrigeration and fluid circuits, supporting capacities from 40 to 120 tons. Technologies like Dynamic Lift improve part-load efficiency, and the use of low Global Warming Potential refrigerants promotes sustainability. EC fan motors help maintain consistent refrigerant pressure while keeping operation quiet.

Central Chillers

Central chillers from Thermal Care—such as the TC, TCF, TSE, and MX series—are engineered for scalable operation and energy efficiency. They include rotary screw, magnetic bearing Turbocor, and variable-speed centrifugal compressors, along with hybrid film evaporators, to support cooling loads from 10 up to 240 tons. Stainless steel evaporators enhance corrosion resistance, and CONNEX4.0 compatibility enables centralized remote monitoring and control. Advanced PLC systems offer intuitive touchscreen interfaces, and modular designs make it easy to expand as facility needs grow.



Temperature Controllers

Thermal Care's Aquatherm, Oiltherm, and Vactherm temperature controllers provide precise and reliable heat management. These units use forced circulation for stable temperature control and quick cycle times. Components like high-flow pumps, cast-iron assemblies, and stainless steel heat exchangers improve durability and reduce maintenance. Features include leak prevention systems, Seal Saver programs to protect pump seals, and automatic cool-down functions for safer maintenance. With operating ranges reaching up to 575°F and options for remote connectivity via CONNEX4.0, these controllers adapt well to demanding industrial processes.